



UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/117,970	08/07/98	FINN	D 59276

MC GLEW AND TUTTLE
SCARBOROUGH STATION
SCARBOROUGH NY 10510-0827

QM32/0106

EXAMINER

ARBES, C

ART UNIT	PAPER NUMBER
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3729

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DATE MAILED:

01/06/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

09/117,970

Applicant(s)

FINN ET AL.

Examiner

C.J. Arbes

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- 1) ☒ Responsive to communication(s) filed on 19 November 1999.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 40-67 and 78 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 78 is/are allowed.
- 6) ☒ Claim(s) 40-43, 46, 47, 49, 51, 53 and 62-67 is/are rejected.
- 7) ☒ Claim(s) 44, 45, 48, 50, 52 and 54-61 is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some * c) ☐ None of the CERTIFIED copies of the priority documents have been:
1. ☐ received.
2. ☐ received in Application No. (Series Code / Serial Number) _____.
3. ☐ received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e).

Attachment(s)

- 14) ☒ Notice of References Cited (PTO-892)
- 15) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 16) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 17) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 18) ☐ Notice of Informal Patent Application (PTO-152)
- 19) ☐ Other: _____

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Claim 53 recites the limitation "relative to the wiring device" in the third line thereof. There is insufficient antecedent basis for this limitation in the claim.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 40-43, 46-47, 49, 51, 53 and 62-67 rejected under 35 U.S.C. 103(a) as being unpatentable over WO 96/07984 by Mundigl et al hereinafter '984. The '984 teaches a process of making a smart card module for a contactless smart card wherein wire is placed onto a substrate so as to form a coil and the ends of the wire are connected to to a chip. It would have been obvious to connect the wires to the chip by means of a connecting instrument if indeed the '984 does not expressly teach the same inasmuch as this would be the expedient and quickest way to do this step. As applied to Claims 41, 42, 51, 62, 66 and 67, it is held that the use of an ultrasonic means to bond the wire onto the substrate is a mere matter of design choice inasmuch as Applicants advance no purpose therefore nor provide any problem which is solved thereby. Moreover the limitation of using ultrasonic means to bond wires onto a substrate such as applicants recite is known in this art and hence is held to have been obvious to one of ordinary skill in the art,


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Claims 44, 45, 48, 50, 52, and 54-61 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 78 is held to be allowable.

It appears that one of Applicants' foreign priority documents viz. German Pat No. 196 04 840.0 with a date of February 12, 1996 may precede the teachings used for this rejection. Therefore it is requested that applicants obtain an English translation of this document to ascertain the content thereof.

Any inquiry concerning this communication should be directed to C.J. Arbes at telephone number (703) 308-1857.


Carl J. Arbes
Primary Examiner